

Photometric Report

CATALOG NUMBER: EGF-EC-70W

Monday, October 12, 2009

FILENAME: EGF-EC-70W.IES

EGF-EC-70W
IESNA:LM-63-2001
[TEST] UM-TCAUP_ESLL
[MANUFAC] FULL SPECTRUM SOLUTIONS - JACKSON, MI, USA
[LUMINAIRE]70W GARAGE
[LUMCAT] EGF-EC-70W
[LAMP] 1; 70W INDUCTION
[LAMPCAT] INDUCTION
[OTHER] HOUSING: CAST BALLAST HOUSING ACRYLIC LENS
[MORE] REFL: ANODIZED ALUM
[MORE] LENS: PRISMATIC ACRYLIC

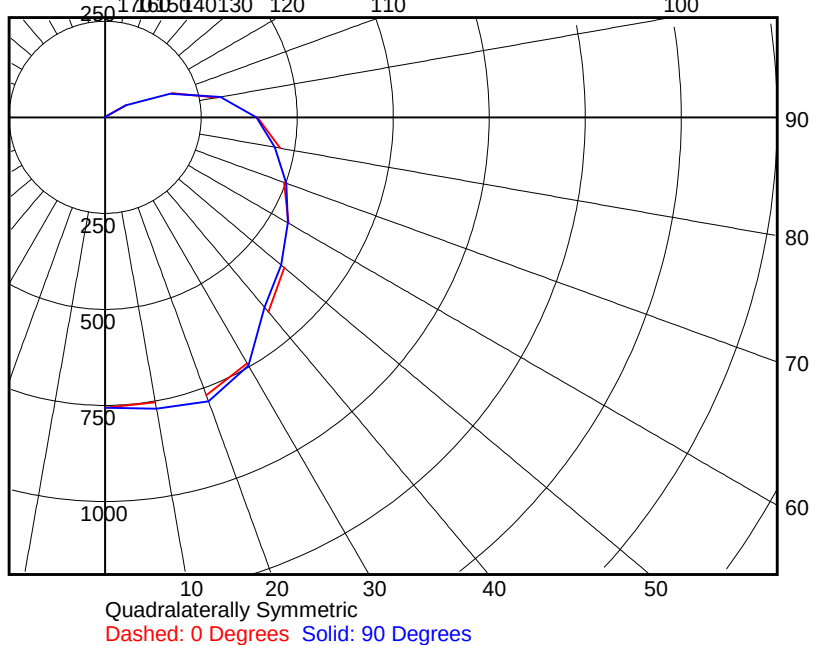
SUMMARY DATA

EFFICIENCY (Total): 73.6 %
EFFICIENCY (Downlight): 61.3 %
EFFICIENCY (Uplight): 12.3 %
CIE CLASSIFICATION: SEMI-DIRECT
SPACING CRITERION (0-Deg.): 1.43
SPACING CRITERION (90-Deg.): 1.43
LUMENS/LAMP: 5900
NO. OF LAMPS: 1
LUMINOUS OPENING: RECTANGULAR
Width: 0.32 (Meters)
Length: 0.32
Height: 0.25
INPUT WATTS: 75

ZONAL LUMEN SUMMARY

Zone	Lumens	% Lamp	% Luminaire
0 - 30	652.7	11.1	15.0
0 - 40	1110.2	18.8	25.6
0 - 60	2137.2	36.2	49.2
60 - 90	1478.7	25.1	34.0
0 - 90	3615.9	61.3	83.2
90 - 180	728.4	12.3	16.8
0 - 180	4344.3	73.6	100.0

CANDELA PLOT



AVERAGE LUMINANCE

(Candelas / Square Meter)

Angle	0	45	90
0	7381	7381	7381

COEFFICIENT OF UTILIZATION TABLE

Effective Floor Cavity Reflectance = 20%

Pcc ...	80				70				50			30			10			0
Pw ...	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	.85	.85	.85	.85	.81	.81	.81	.81	.75	.75	.75	.69	.69	.69	.64	.64	.64	.61
1	.74	.69	.65	.61	.70	.66	.62	.58	.60	.57	.54	.55	.53	.50	.51	.49	.47	.44
2	.66	.58	.52	.47	.63	.56	.50	.45	.51	.46	.42	.47	.43	.40	.43	.40	.37	.34
3	.59	.50	.43	.38	.56	.48	.42	.36	.44	.39	.34	.40	.36	.32	.37	.33	.30	.28
4	.54	.44	.37	.31	.51	.42	.35	.30	.39	.33	.28	.35	.31	.27	.32	.28	.25	.23
5	.49	.39	.32	.26	.47	.37	.31	.26	.34	.29	.24	.32	.27	.23	.29	.25	.21	.19
6	.45	.35	.28	.23	.43	.33	.27	.22	.31	.25	.21	.28	.23	.20	.26	.22	.18	.17
7	.42	.31	.24	.20	.40	.30	.24	.19	.28	.22	.18	.26	.21	.17	.24	.19	.16	.14
8	.39	.28	.22	.17	.37	.27	.21	.17	.25	.20	.16	.23	.19	.15	.22	.17	.14	.13
9	.36	.26	.20	.15	.35	.25	.19	.15	.23	.18	.14	.22	.17	.14	.20	.16	.13	.11
10	.34	.24	.18	.14	.32	.23	.17	.13	.21	.16	.13	.20	.15	.12	.19	.14	.12	.10

Reported data calculated from manufacturer's data file, based on IESNA recommended methods.

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CANDELA TABLE

Vertical Angle	Horizontal Angles		
	0	45	90
0	756	756	756
10	753	772	771
20	771	792	786
30	739	796	746
40	662	730	646
50	609	631	598
60	552	544	549
70	496	488	502
80	463	455	449
90	396	385	394
100	296	276	305
110	185	133	180
120	64	19	63
130	6	0	6
140	0	0	0
150	0	0	0
160	0	0	0
170	0	0	0
180	0	0	0

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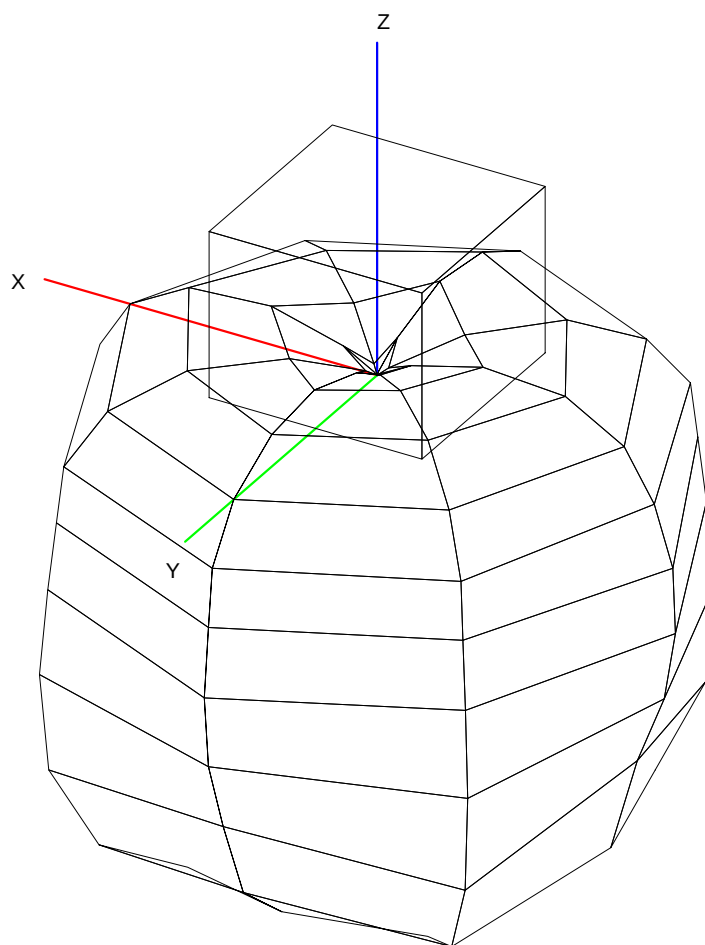
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